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<!--StartFragment-->RESULT 3
US-10-843-656-2
; Sequence 2, Application US/10843656
; GENERAL INFORMATION:
; APPLICANT: Vilalta, Adrian
; APPLICANT: Evans, Thomas G.
; APPLICANT: Quong, Melanie W.
; APPLICANT: Manthorpe, Marston
; TITLE OF INVENTION: Severe Acute Respiratory Syndrome DNA Vaccine Compositions and
; TITLE OF INVENTION: Method of Use
; FILE REFERENCE: 1530.0670002
; CURRENT APPLICATION NUMBER: US/10/843,656
; CURRENT FILING DATE: 2004-05-12
; PRIOR APPLICATION NUMBER: US 60/482,505
; PRIOR FILING DATE: 2003-06-26
; PRIOR APPLICATION NUMBER: US 60/470,820
; PRIOR FILING DATE: 2003-05-16
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 1196
; TYPE: PRT
; ORGANISM: SARS-CoV Urbani strain
US-10-843-656-2
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Query Match          100.0%;   Score 6271;   DB 38;   Length 1196;
Best Local Similarity 100.0%;   Pred. No. 0;
Matches 1193;   Conservative    0;   Mismatches    0;   Indels    0;   Gaps    0;
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Qy      1 MFIFLLFLTTLTSGSDDLDRCTTFDDVQAPNYTQHTSSMRGVYYPDEIFRSDTLYLTQDLFL 60
        |||
Db      1 MFIFLLFLTTLTSGSDDLDRCTTFDDVQAPNYTQHTSSMRGVYYPDEIFRSDTLYLTQDLFL 60

Qy     61 PFYSNVTGFHTINHTFGNPVIPFKDGIYFAATEKSNVVRGWVFGSTMNNKSQSVIIINNS 120
        |||
Db     61 PFYSNVTGFHTINHTFGNPVIPFKDGIYFAATEKSNVVRGWVFGSTMNNKSQSVIIINNS 120

Qy    121 TNVVIRACNFELCDNPFFAVSKPMGTQHTMIFDNAFNCTFEYISDAFSLDVSEKSGNFK 180
        |||
Db    121 TNVVIRACNFELCDNPFFAVSKPMGTQHTMIFDNAFNCTFEYISDAFSLDVSEKSGNFK 180

Qy    181 HLREFVFKNKDGFLYVYKGYPIDVVRDLPSPGFNTLKPIFKLPLGINITNFRAILTAFSP 240
        |||
Db    181 HLREFVFKNKDGFLYVYKGYPIDVVRDLPSPGFNTLKPIFKLPLGINITNFRAILTAFSP 240

Qy    241 AQDIWGTSAAYFVGYLKPTTFMLKYDENGITITDAVDCSQNPLAELKCSVKSFEDKGIY 300
        |||
Db    241 AQDIWGTSAAYFVGYLKPTTFMLKYDENGITITDAVDCSQNPLAELKCSVKSFEDKGIY 300

Qy    301 QTSNFRVVPSPGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLYNSTF 360
        |||
Db    301 QTSNFRVVPSPGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLYNSTF 360

Qy    361 FSTFKCYGVSATKLNLCFSNVYADSFVVKGDVVRQIAPGQTGVIADYNYKLPDDFMGCV 420
        |||
Db    361 FSTFKCYGVSATKLNLCFSNVYADSFVVKGDVVRQIAPGQTGVIADYNYKLPDDFMGCV 420

Qy    421 LAWNTRNIDATSTGNYNYKYRYLRHGKLRPFERDISNVPFSPDGKPCTPPALNCYWPLND 480
        |||
Db    421 LAWNTRNIDATSTGNYNYKYRYLRHGKLRPFERDISNVPFSPDGKPCTPPALNCYWPLND 480

Qy    481 YGFYTTTGIGYQPYRVVLSFELLNAPATVCGPKLSTDLIKNCVNFNFNGLTGTGVLTP 540
        |||
Db    481 YGFYTTTGIGYQPYRVVLSFELLNAPATVCGPKLSTDLIKNCVNFNFNGLTGTGVLTP 540

Qy    541 SSKRFQPFQQFGRDVSDFTDSDVRDPKTSSEILDISPCSFGGVSVITPGTNASSEVAVLYQD 600
        |||
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|----|------|---|------|
| Db | 541 | SSKRFQPFQQFGRDVSDFTDSVRDPKTSEILDISPSCSFGGVSVITPGTNASSEVAVLYQD | 600 |
| Qy | 601 | VNCTDVSTAIHADQLTPAWRIYSTGNNVFQTQAGCLIGAETHVDTSYECDIPGAGICASY | 660 |
| | | | |
| Db | 601 | VNCTDVSTAIHADQLTPAWRIYSTGNNVFQTQAGCLIGAETHVDTSYECDIPGAGICASY | 660 |
| Qy | 661 | HTVSLLRSTSQKSIVAYTMSLGADSSIAYSNNTIAIPTNFSISITTEVMPVSMAKTSVDC | 720 |
| | | | |
| Db | 661 | HTVSLLRSTSQKSIVAYTMSLGADSSIAYSNNTIAIPTNFSISITTEVMPVSMAKTSVDC | 720 |
| Qy | 721 | NMYICGDSTECANLLLQYGSFCTQLNRALSGIAAEQDRNTREVFAQVKQMYKTPTLKYFG | 780 |
| | | | |
| Db | 721 | NMYICGDSTECANLLLQYGSFCTQLNRALSGIAAEQDRNTREVFAQVKQMYKTPTLKYFG | 780 |
| Qy | 781 | GFNFSQILPDPLKPTKRSFIEDLLFNKVTLADAGFMKQYGECLGDINARDLICAQKFNGL | 840 |
| | | | |
| Db | 781 | GFNFSQILPDPLKPTKRSFIEDLLFNKVTLADAGFMKQYGECLGDINARDLICAQKFNGL | 840 |
| Qy | 841 | TVLPPLLTTDDMIAAYTAALVSGTATAGWTFGAGAALQIPFAMQMAYRFNGIGVTQNVLYE | 900 |
| | | | |
| Db | 841 | TVLPPLLTTDDMIAAYTAALVSGTATAGWTFGAGAALQIPFAMQMAYRFNGIGVTQNVLYE | 900 |
| Qy | 901 | NQKQIANQFNKAISQIQESLTTTSTALGKLQDVVNQNAQALNTLVKQLSSNFGAISSVLN | 960 |
| | | | |
| Db | 901 | NQKQIANQFNKAISQIQESLTTTSTALGKLQDVVNQNAQALNTLVKQLSSNFGAISSVLN | 960 |
| Qy | 961 | DILSRDLKVEAEVQIDRLITGRLQSLQTYVTQQLIRAAEIRASANLAATKMSECVLGQSK | 1020 |
| | | | |
| Db | 961 | DILSRDLKVEAEVQIDRLITGRLQSLQTYVTQQLIRAAEIRASANLAATKMSECVLGQSK | 1020 |
| Qy | 1021 | RVDFCGKGYHLMSFPQAAPHGVVFLHVTYVPSQERNFTTAPAICHEGKAYFPREGVVFVN | 1080 |
| | | | |
| Db | 1021 | RVDFCGKGYHLMSFPQAAPHGVVFLHVTYVPSQERNFTTAPAICHEGKAYFPREGVVFVN | 1080 |
| Qy | 1081 | GTSWFITQRNFFSPQIITTDNTFVSGNCDVVIGIINNTVYDPLQPELDSFKEELDKYFKN | 1140 |
| | | | |
| Db | 1081 | GTSWFITQRNFFSPQIITTDNTFVSGNCDVVIGIINNTVYDPLQPELDSFKEELDKYFKN | 1140 |
| Qy | 1141 | HTSPDVDLGDISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIK | 1193 |
| | | | |
| Db | 1141 | HTSPDVDLGDISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIK | 1193 |

<!--EndFragment-->